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PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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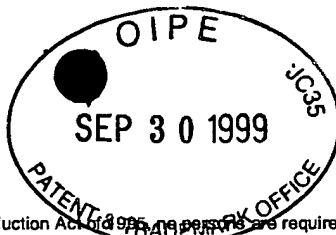
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/361,644	
	Filing Date	07/27/1999	
	First Named Inventor	Russell A. Knaack et al.	
	Group Art Unit	3746	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	23	Attorney Docket Number	90098002

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): Request for Correction of Filing Receipt
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Felix L. Fischer
Signature	
Date	9/27/99

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: September 27, 1999	
Typed or printed name	Kathryn Costantino
Signature	
Date	9/27/99

⊕ Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/17 (6/99)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$170.00)

## Complete if Known

Application Number	09/361,644
Filing Date	07/27/1999
First Named Inventor	Russell A. Knaack et al.
Examiner Name	To be assigned
Group / Art Unit	3746
Attorney Docket No.	90098002

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01-1125

Deposit Account Name AlliedSignal Inc.

☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
-20**			
Independent Claims	-3**		
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 760	246 380	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)			
Other fee (specify)			

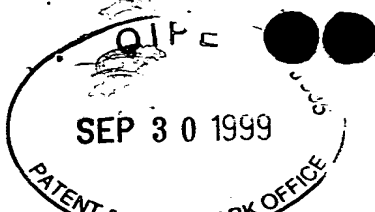
\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$170.00)

## SUBMITTED BY

Name (Print/Type)	Felix L. Fischer	Registration No. (Attorney/Agent)	31,614	Telephone	(310) 791-9120
Signature		Date	9/27/99		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/361,644    07/27/99    KNAACK    R    90098002

0232/0813

FELIX L FISCHER  
LAW DEPARTMENT  
ALLIEDSIGNAL INC TURBOCHARGING SYSTEMS  
23326 HAWTHORNE BOULEVARD SUITE 200  
TORRANCE CA 90505

NOT ASSIGNED

3746

DATE MAILED:

08/13/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 130.00

- ☐ 1. The statutory basic filing fee is:
  - ☐ missing.
  - ☐ insufficient.Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. The following additional claims fees are due:
  - \$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.
  - \$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.
  - \$ \_\_\_\_\_ for multiple dependent claim surcharge.Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- ☒ 3. The oath or declaration:
  - ☒ is missing or unsigned.
  - ☐ does not cover the newly submitted items.An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.  
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☐ 8. The application was filed in a language other than English.  
Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- ☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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00000168 011125  
130.00 CH  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Russell A. Knaack et al. Group Art Unit: 3746  
Serial No. 09/361,644 Examiner: To Be Assigned  
Filed: 07/27/1999  
Docket No.: 90098002  
Title: INTEGRALLY MOUNTED PNEUMATIC SOLENOID VALVE FOR WASTEGATE CONTROL

RECEIVED  
SEP 30 1999  
PATENT & TRADEMARK OFFICE

Torrance, California 90505  
September 27, 1999

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION  
FILING DATE GRANTED**

Hon. Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTN.: Box Missing Parts

Sir:

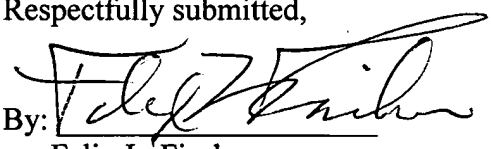
A copy of the NOTICE TO FILE MISSING PARTS OF APPLICATION and the executed declaration are attached hereto.

Please charge the \$130.00 surcharge under 37 C.F.R. §1.16(e) for filing the executed Declaration later than the filing date of the above-identified patent application to Deposit Account No. 01-1125.

This letter is attached in triplicate.

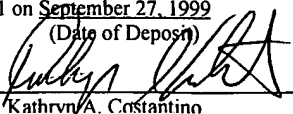
AlliedSignal Inc.  
Turbocharging Systems  
23326 Hawthorne Boulevard  
Suite 200  
Torrance, California 90505

Respectfully submitted,

By:   
Felix L. Fischer  
Registration No.: 31,614  
(310) 791-9119

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**  
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231 on September 27, 1999  
(Date of Deposit)

By:

  
Kathryn A. Constantino  
9/27/99  
(Date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Russell A. Knaack, et al. )

Packet No: 90098002

For: )  
INTEGRALLY MOUNTED )  
PNEUMATIC SOLENOID VALVE )  
FOR WASTEGATE CONTROL )

Group Art Unit : 3746

Serial No.: 09/361,644 )

Examiner: To be assigned

Filed: 7/27/1999 )

**REQUEST FOR CORRECTION OF FILING RECEIPT**

Hon. Commissioner for Patents  
and Trademarks  
Washington, D.C. 20231

Commissioner:

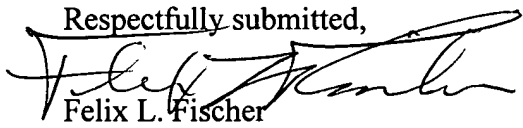
This letter is a request for correction of the Filing Receipt dated July 27, 1999, a copy of which is attached hereto, which fails to correctly identify applicants Russell A. Knaack, Billy D. Watkins, Dennis Thoren and Peter Haug of the referenced application.

Please identify the applicants as Russell A. Knaack, Billy D. Watkins, Dennis Thoren and Peter Haug.

Please correct the original filing receipt to reflect the applicants for application 09/361,644.

Date: 9/27/99  
AlliedSignal Inc.  
Turbocharging Systems  
23326 Hawthorne Blvd. Suite 200  
Torrance, CA 90505  
Telephone No.: (310) 791-9120  
Fax: (310) 791-9125

Respectfully submitted,

  
Felix L. Fischer  
Reg. No. 31,614  
Attorney for Applicants

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on September 27, 1999

(Date of Deposit)

By:   
Kathryn A. Costantino

9/27/99  
Date

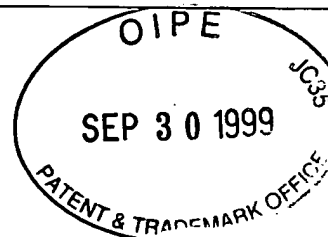
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/361,644	07/27/99	3746	\$760.00	90098002	11	6	2

FELIX L FISCHER  
LAW DEPARTMENT  
ALLIEDSIGNAL INC TURBOCHARGING SYSTEMS  
23326 HAWTHORNE BOULEVARD SUITE 200  
TORRANCE CA 90505



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)      RUSSELL A. KNAACK.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 08/13/99

TITLE

INTEGRALLY MOUNTED PNEUMATIC SOLENOID VALVE FOR WASTEGATE CONTROL

PRELIMINARY CLASS: 123

RECEIVED  
AUG 19 1999  
ASTS LAW DEPT.

DATA ENTRY BY: HARDY, EUGENIA

TEAM: 03 DATE: 08/13/99

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(See reverse for new important information)